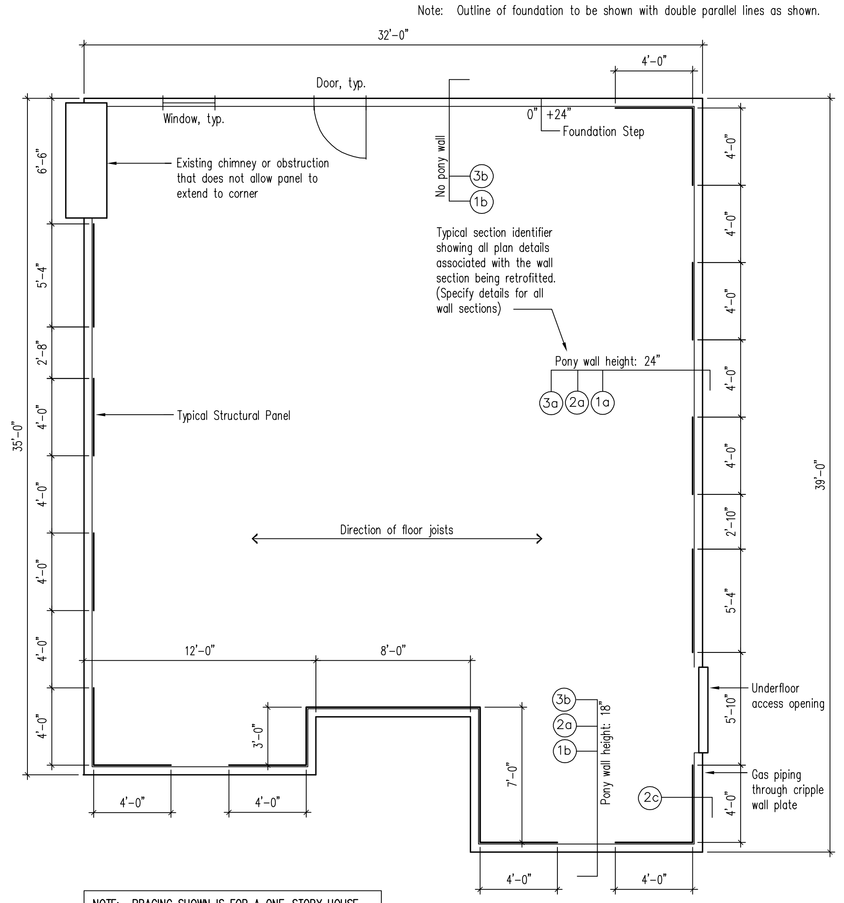
Note: Outline of foundation to be shown with double parallel lines as shown.



NOTE: BRACING SHOWN IS FOR A ONE-STORY HOUSE WITH A PONY WALL THAT VARIES IN HEIGHT.

EARTHQUAKE RETROFIT PLAN – INSTRUCTIONS

1. Help.
   Refer to the Home Retrofit Handbook for detailed instructions on how to prepare your plan.

2. Measure and Mark Existing Conditions.
   Draw an outline of the building's foundation in the space provided (Section IIb). Mark the scale used. Show chimneys, crawlspace access, and any other gaps in the foundation wall. Note the height of all pony walls. Mark the direction of run (orientation) of all floor joists and beams on your foundation outline. For completeness show on outline of porches, garages, or additions that lack a foundation using a dashed line. Refer to the "SAMPLE PLAN" (Section IIa) for guidance.

3. Select and Mark Plan Detail Numbers.
   For each wall segment on your Earthquake Retrofit Plan, mark on the foundation outline the number of the plan detail(s) that you will use to complete your retrofit project project. Sheets S1 through S3 include details for common building conditions that meet the minimum prescriptive requirements.

4. Determine and Mark Wall Bracing Layout.
   Use the Summary of Minimum Prescriptive Requirements (Table 1 on Sheet S1) to determine the amount and placement of pony wall bracing. Show on the foundation outline the layout of the structural panels you will use to brace the pony walls.

5. You have now completed your Earthquake Retrofit Plan.

SECTION IIa – SAMPLE PLAN (not to scale)

SECTION IIb – EARTHQUAKE RETROFIT PLAN

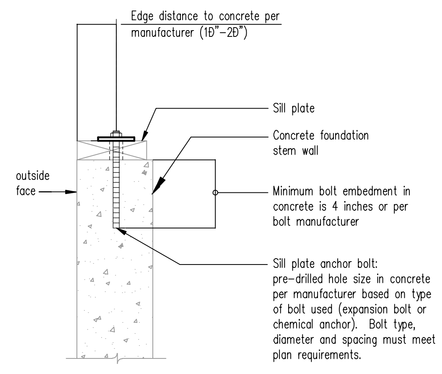
CHECK SCALE USED: ☐ ONE SQUARE = ONE FOOT ☐ ONE SQUARE = TWO FEET

REVISED MAY 2002

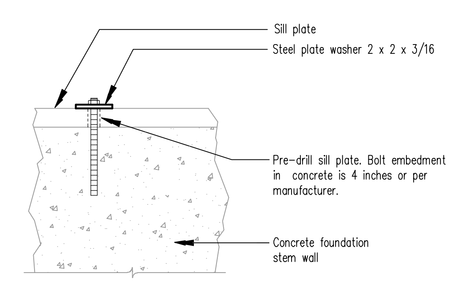
Standard Earthquake Home Retrofit Plan Set

EARTHQUAKE DAMAGE REDUCTION IN EXISTING WOOD FRAME RESIDENTIAL BUILDINGS WITH WEAK PONY WALLS AND UNBOLTED SILL PLATES

Applicant Plan Sheet

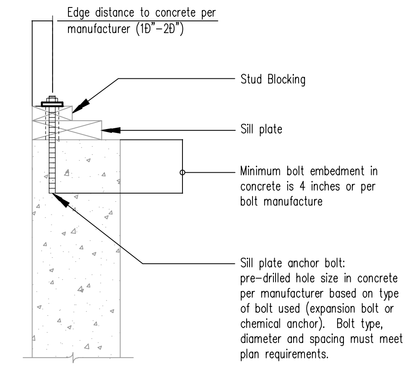


SECTION



FRONT VIEW

1a VERTICAL ANCHOR DETAIL (sill plate width = pony wall width)



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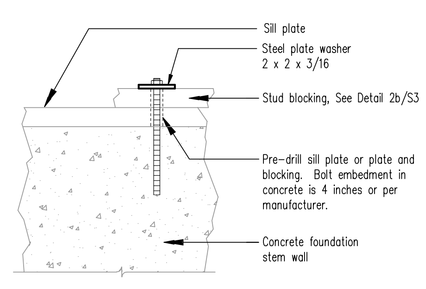
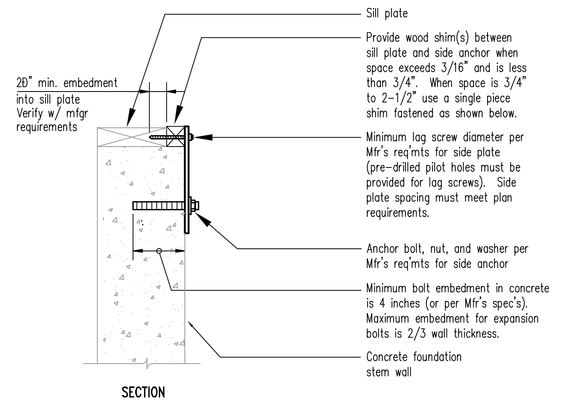


FRONT VIEW

1b VERTICAL ANCHOR DETAIL (sill plate wider than pony wall)



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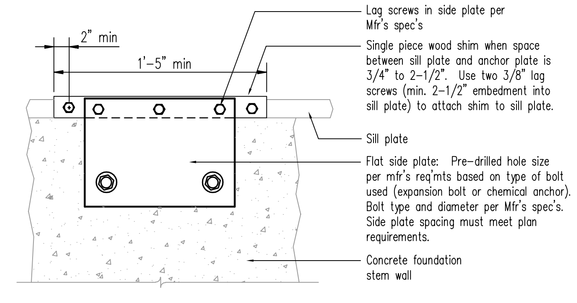
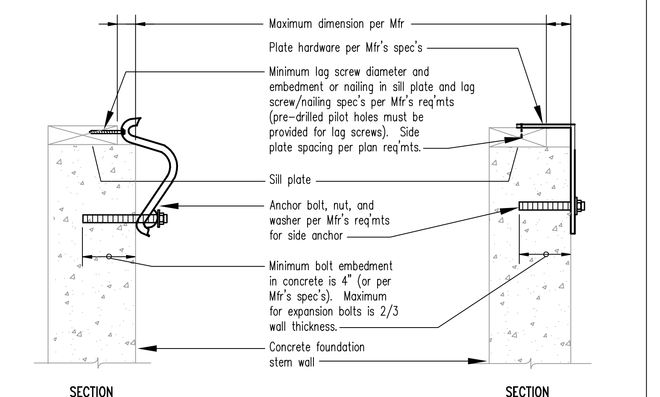
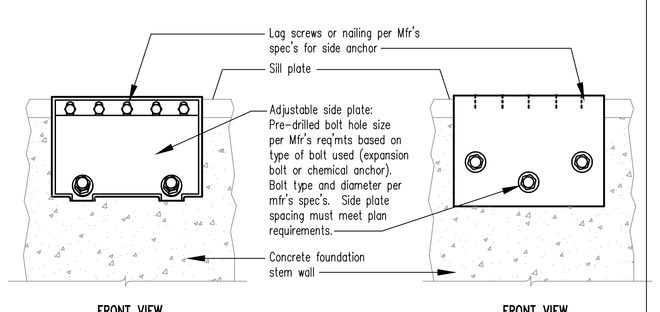


FRONT VIEW

1c SIDE ANCHOR DETAIL – Flat Side Plate
No pony wall



SECTION SECTION



FRONT VIEW FRONT VIEW

1d SIDE ANCHOR DETAIL – Adjustable Side Plates
No pony wall

1 SILL PLATE ANCHOR DETAILS

- See Section III – General Notes (Sheet S1) for materials, installation, and spacing requirements.
- Expansion bolts shall not be used when installation causes surface cracking of the foundation wall at the location of the bolt.

BUILDING A DISASTER RESISTANT COMMUNITY. PROJECT IMPACT SEATTLE

Sheet

S2